MRI Circuit Catheter Imaging Coil
Clatterbaugh et al.
1921-2645

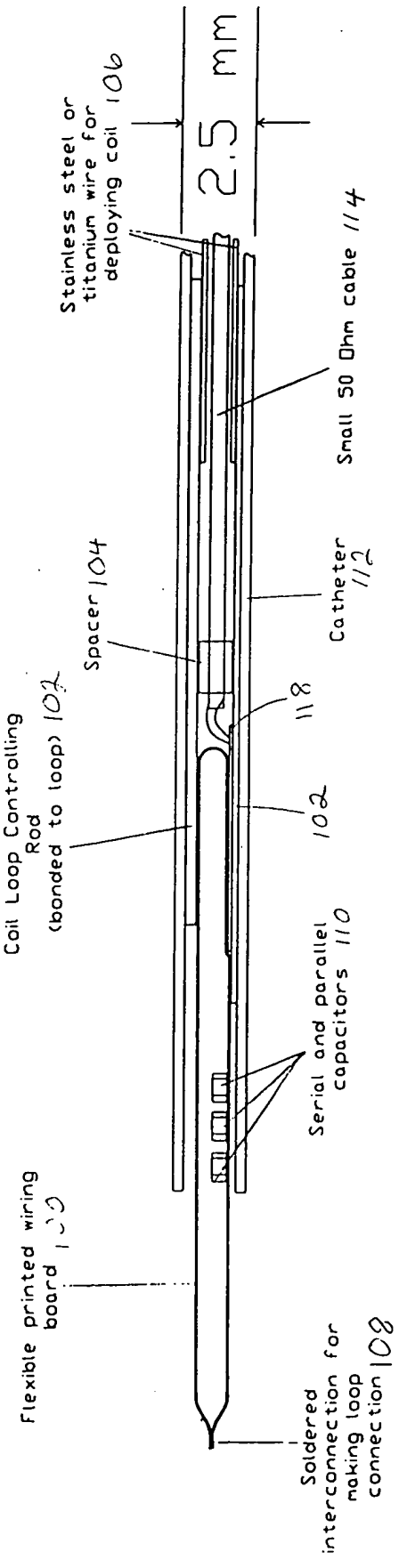

Figure 1

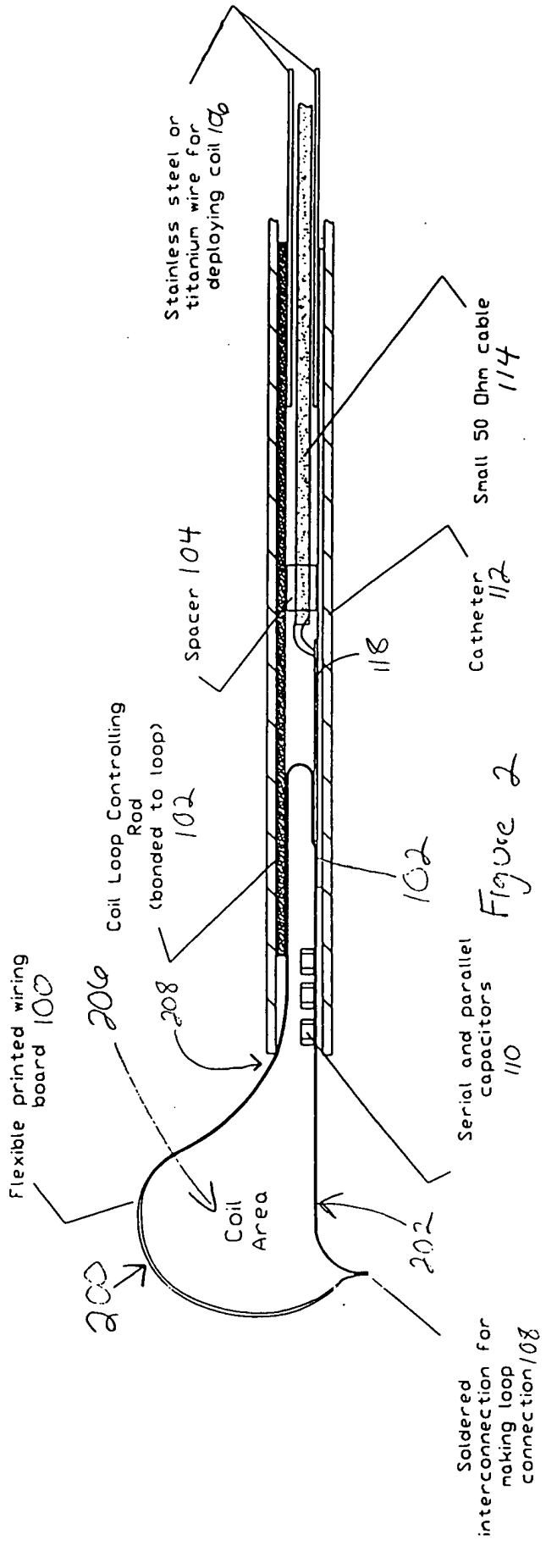

Figure 2

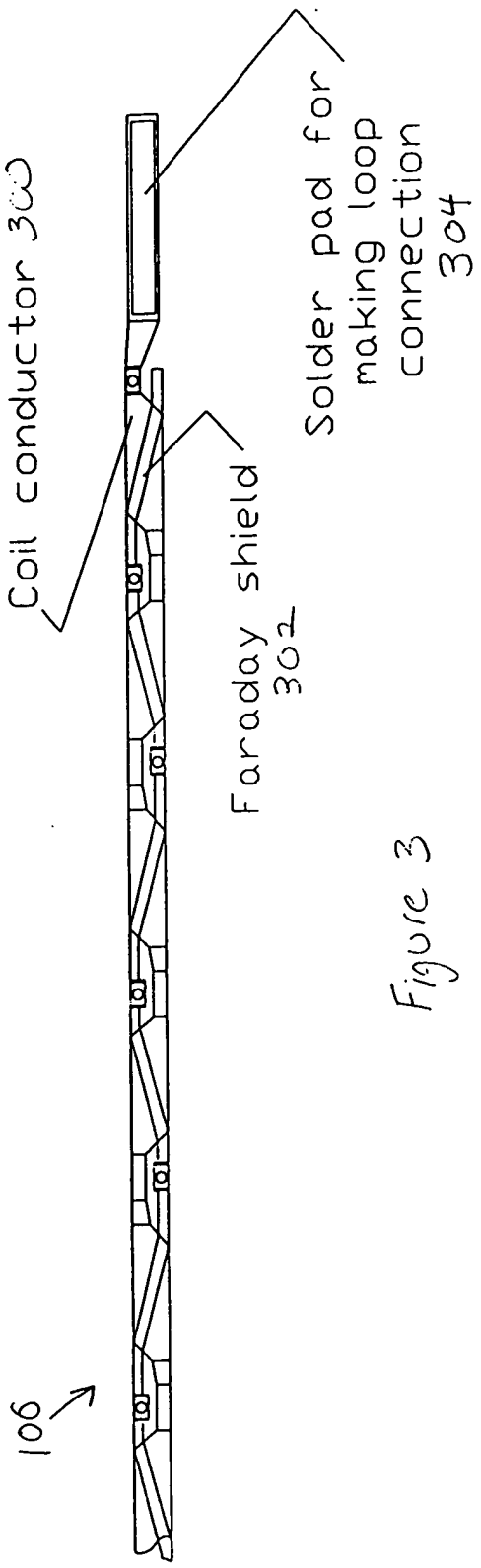
Coil conductor 300
Solder pad for making loop connection 304
Faraday shield 302
106

Figure 3

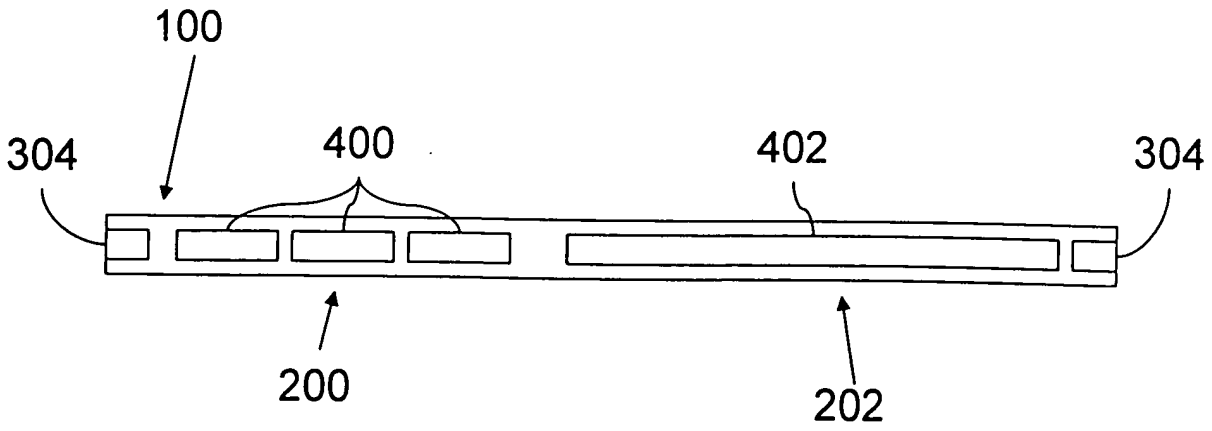

Figure 4

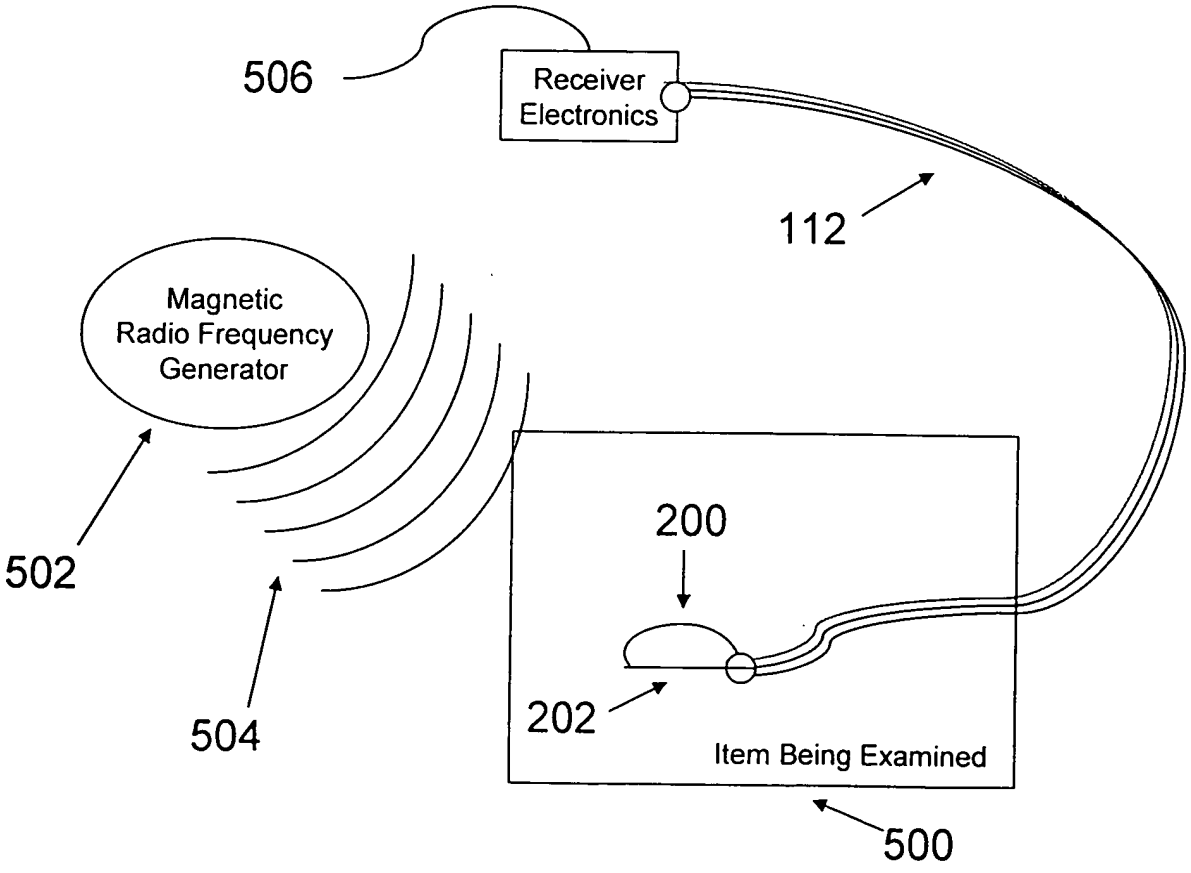

Figure 5

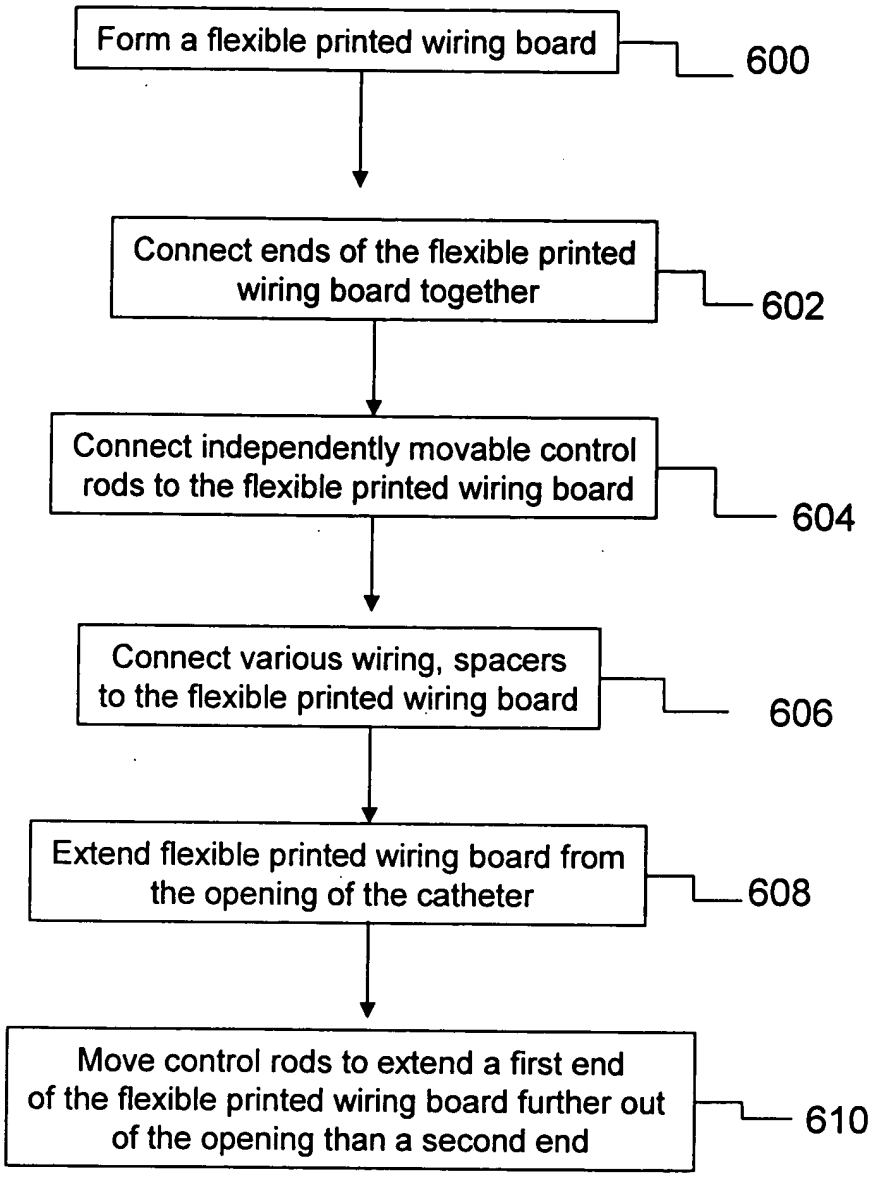
Form a flexible printed wiring board
600
Connect ends of the flexible printed wiring board together
602
Connect independently movable control rods to the flexible printed wiring board
604
Connect various wiring, spacers to the flexible printed wiring board
606
Extend flexible printed wiring board from the opening of the catheter
608
Move control rods to extend a first end of the flexible printed wiring board further out of the opening than a second end
610

Figure 6

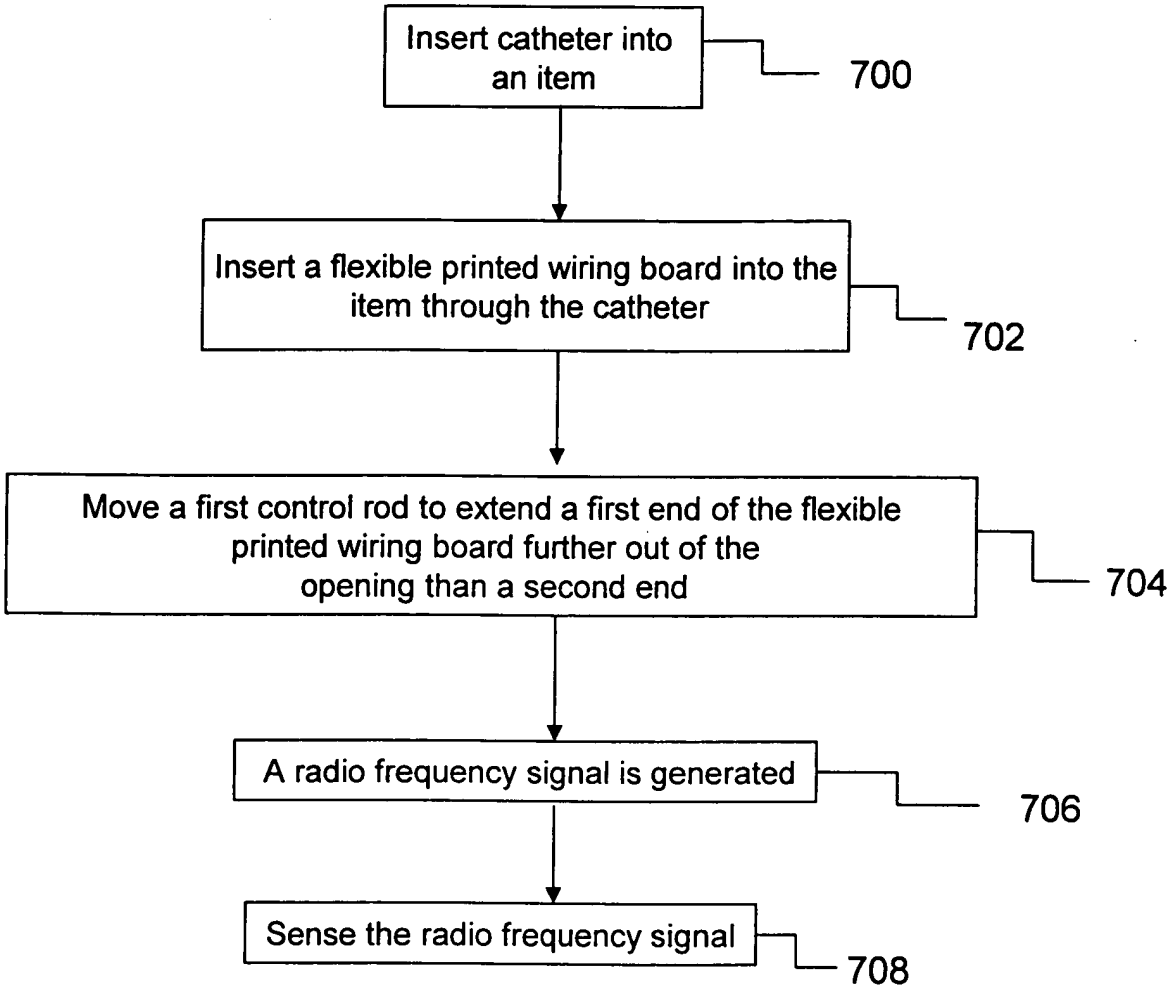
Insert catheter into an item
700
Insert a flexible printed wiring board into the item through the catheter
702
Move a first control rod to extend a first end of the flexible printed wiring board further out of the opening than a second end
704
A radio frequency signal is generated
706
Sense the radio frequency signal
708

Figure 7

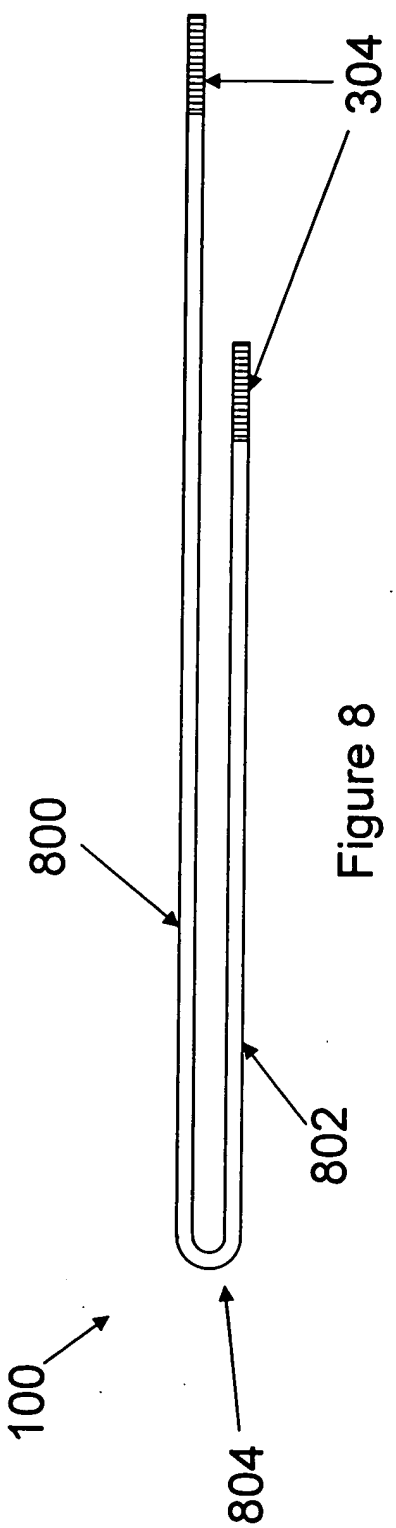

Figure 8

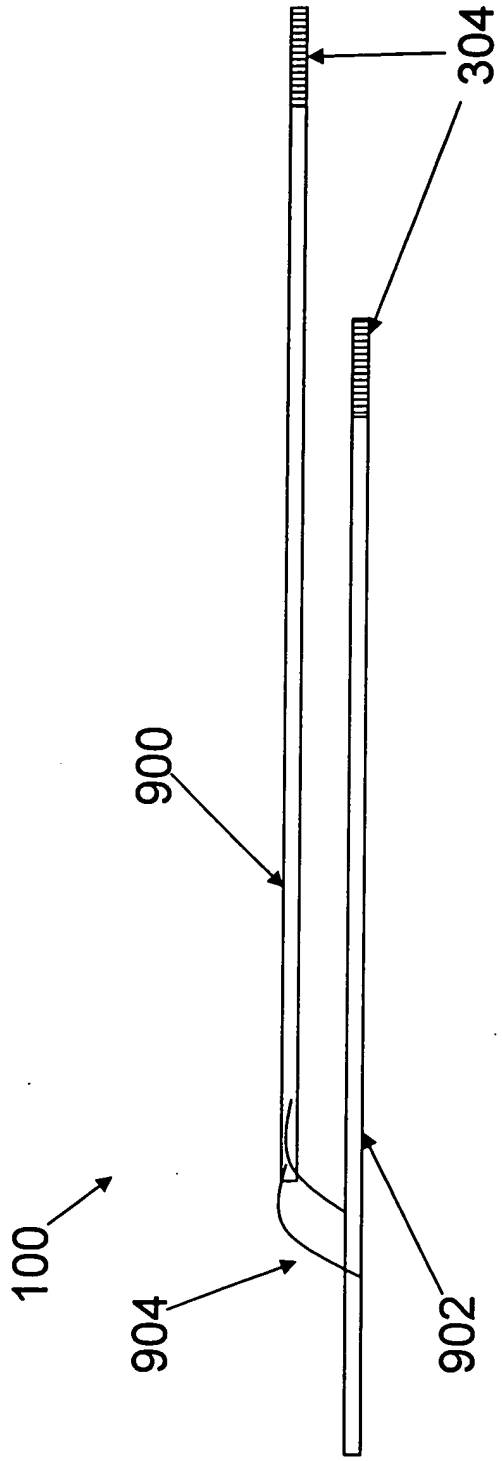

Figure 9